

### **IN THE SPECIFICATION**

Please replace the paragraph beginning at page 3, line 6, with the following:

Figure 8 is a graph showing the effect of a helper lipid diolein on the transfection efficiency of DOTAP/DOPE liposome and DOTAP/DOPE squalene lipid emulsion carriers;

~~A) DOTAP/DOPE liposome, B) DOTAP/DOPE squalene lipid emulsion~~

Please replace the paragraph beginning at page 3, line 15, with the following:

Figure 10 is a graph showing the stability of the lipid emulsion by adding Tween 80;

○  $[[\mu]]$  : DOTAP/DOPE squalene lipid emulsion, ●  $[[\lambda]]$  : DOTAP/DOPE/Tween 80 squalene lipid emulsion.

Please replace the paragraph beginning at page 3, line 19, with the following:

Figure 11 is a graph showing the changes in the transfection efficiency using the lipid carriers by adding protamine sulfate;

A) protamine sulfate B) 4  $\mu$ g of DOTAP/DOPE/Tween 80 liposome and protamine sulfate C) 4  $\mu$ g of DOTAP/DOPE/Tween 80 lipid emulsion and protamine sulfate

●  $[[\lambda]]$  : no serum, ○  $[[\mu]]$  : 80 % serum.

Please replace the paragraph beginning at page 3, line 24, with the following:

Figure 12 is graph showing the transfection efficiency using different lipid gene carriers, DOTAP/DOPE/Tween 80 emulsion or DOTAP/DOPE/Tween 80 liposome, with various cell-lines.

Please replace the paragraph beginning at page 3, line 27, with the following:

Figure 13 is a graph showing the difference in *in vitro* release rates of rifampicin from different lipid emulsions;

▽ : PBS, ● [[λ]] : linseed oil emulsion, ○ [[μ]] : soybean oil emulsion, ▼ [[τ]] : squalene emulsion.

Please replace the paragraph beginning at page 4, line 12, with the following:

Figure 20 is a graph showing the difference in the in vitro ~~in-vitro~~ release rates of diclofenamic acid from different lipid emulsions;

▽ : PBS, ● [[λ]] : linseed oil emulsion, ○ [[μ]] : soybean oil emulsion, ▼ [[τ]] : squalene emulsion.

Please replace the paragraph beginning at page 4, line 18, with the following:

It is an object of the present invention to provide a method of preparing oil-in-water type lipid emulsions ~~emulsion~~ and solid lipid nanoparticles for delivering biologically active ~~composed of biocompatible~~ materials such as DNA, RNA, antisense nucleic acid, ribosome, polynucleotide or oligonucleotide. Another object of the present invention is to provide oil-in-water emulsions and solid lipid nanoparticles prepared thereby.